



JC10 RECEIVED PTO 05 MAR 2002

#4/105  
PATENT  
8/7/02

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Attorney Docket No. 113737

In re application of: Christoph Gebhardt et al.

Serial No.: 10/031,542

Group Art Unit: Not Yet Assigned

Filed: 1/18/02

Examiner: Not Yet Assigned

For: METHOD AND DEVICE FOR CLUSTER FRAGMENTATION

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98. The items listed on the enclosed Form PTO-1449 may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching. The listing of any reference herein is not to be construed as an admission that any reference listed is in fact "prior art."

RECEIVED  
MAY 10 2002  
TC 2800 MAIL ROOM

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this paper, and the paper(s) and/or fee(s) referred to herein as transmitted, submitted or enclosed, are being deposited on the date shown below with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

February 12, 2002  
Date

Jane D. Roberts  
Typed or printed name of person mailing paper

*Jane D. Roberts*  
Signature of person mailing paper

1. ☐ Items listed on the enclosed Form PTO-1449 are not in the English language.
- ☐ For each of the following items, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:
- ☐ For each of the following items, a concise explanation of that item is incorporated in the specification of the above-identified application:
- 
- ☐ For each of the following items, a corresponding U.S. or other English-language patent is enclosed. Please consider the U.S. or other English-language patent in accordance with the procedure set forth in MPEP § 609:
2. ☐ Any copy of the items listed on the enclosed Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark office in Application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, of which the present application is a:
- ☐ Continuation application,
- ☐ Divisional application, or
- ☐ Continuation-In-Part application

filed under 37 CFR § 1.53(b) or (d).

3. ☒ Submission in Accordance with 37 CFR § 1.97(b).

This Information Disclosure Statement is being filed

- ☒ Within three months of the filing date of a national application;
- ☐ Within three months of the date of entry of the national stage in an international application; or
- ☐ Before the mailing date of a first Office Action on the merits,

and NO FEE is due for consideration of this Information Disclosure Statement.

4.     ( )     Submission in Accordance with 37 CFR 1.97(c).

This Information Disclosure Statement is being filed before the first mailing date of either

- ( )     A final action under § 1.113; or
- ( )     A notice of allowance under § 1.311,
- ( )     A fee is due for consideration of this Information Disclosure Statement and the fee is paid below; or
- ( )     This Information Disclosure Statement is accompanied by one of the certifications pursuant to 37 CFR § 1.97(e), and NO FEE is due for consideration of this Information Disclosure Statement.

5.     ( )     Submission in Accordance with 37 CFR 1.97(d).

This Information Disclosure Statement is being filed after the mailing date of either

- ( )     A final action under § 1.113; or
- ( )     A notice of allowance under § 1.311,

whichever comes first, but before payment of the issue fee, and is accompanied by

- a.     One of the certifications pursuant to 37 CFR § 1.97(e), which is set forth below;
- b.     The attached petition requesting consideration of this Information Disclosure Statement; and
- c.     The petition fee under 37 CFR § 1.17(i)(1), which is paid below.

6.     Statement Pursuant to 37 CFR 1.97(e).

- ( )     The undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement. A copy of the foreign Search Report is enclosed; or

- ( ) The undersigned certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, or to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

7. Petition Under 37 CFR §1.97(d)

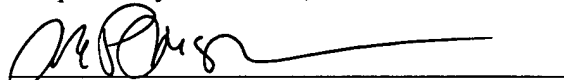
- ( ) This is a petition requesting consideration of an IDS under §1.97(d). The payment of the petition fee of \$130.00 set forth in §1.17(i)(1) is authorized below.

8. Fee Payment Being Made.

- ( ) Enclosed
- ( ) \$180.00 fee for submission under 37 CFR § 1.97(c).
- ( ) A check in the amount of \$\_\_\_\_\_ to cover the fee payment is enclosed.
- ( ) Charge the fee to Deposit Account No.\_\_\_\_\_. A duplicate copy of this communication is attached.
- ( ) The Commissioner is hereby authorized to charge payment of any additional fees associated with this Information Disclosure Statement or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this communication is enclosed.

Date: February 12, 2002

Respectfully submitted,



Matthew P. McWilliams

Reg. No. 46,922

Patent Agent for Applicant

BUCHANAN INGERSOLL P.C.

Eleven Penn Center

14th Floor,

1835 Market Street

Philadelphia, PA 19103-2985

Phone: (215) 665-3865

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(REV. 2-32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

113737.7

SERIAL NO.

10/031,542

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

APPLICANT  
Christoph Gebhardt et al.

FILING DATE

1/18/02

GROUP

Not Yet Assigned

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	No.	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
	AA	5,828,063	10/27/98	Claus Köster et al.			4/2/97
	AB	5,767,511	6/16/98	Michel Macler			7/25/96
	AC	5,780,862	7/14/98	Harold E. Siess			2/12/97
	AD	5,239,820	8/31/93	Stephanie D. Leifer et al.			12/3/92
	AE	5,051,582	9/24/91	John T. Bahns et al.			9/6/89

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AF	W. Skinner et al. In "Vacuum Solutions", March/April 1999, p. 29 et seq.
	AG	A. A. Vostrikov et al. in "Chemical Physics Letters" Vol. 139, 1987, p. 124 et seq.
	AH	A. A. Vostrikov et al. in "Z. Phys. D", Vol. 20, 1991, p. 61 et seq.
	AI	A. A. Vostrikov et al. in "Z. Phys. D", Vol. 40, 1997, p. 542 et seq.
	AJ	Wolfgang Christen et al. in "Ber. Bungsenges. Phys. Chem." Vol. 96, 1992, p.1197 et seq.
	AK	P. U. Andersson et al. in "Z Phys. D", Vol. 41, 1997, p. 57 et seq.
	AL	R. Takasu et al. in "J. Phys. Chem. A.", Vol. 101, 1997, p. 3078 et seq.
	AM	I. V. Hertel et al. in "Phys. Rev. Lett.", Vol. 67, 1991, p. 1767 et seq.
	AN	R. N. Barnett et al. in "Phys. Rev. Lett.", Vol. 70, 1993, p. 1775 et seq.
	AO	K. S. Kim et al. in "Phys. Rev. Lett.", Vol. 76, 1996, p. 956 et seq.
	AP	D. Feller et al. in "J. Chem. Phys.", Vol. 100, 1994, p. 4981 et seq.
	AQ	C. P. Schulz et al. in "Clusters of atoms and molecules II", editor H. Haberland, Springer 1984, pp.7-11
	AR	O. S. Hagena et al in "J. Chem. Phys.", Vol. 56, 1972, p. 1793 et seq.
	AS	Chem. Phys. Lett., Vol 139 (1987), S. 124-128
	AT	C. Mair et al. in "Intern. Journal of mass spectrometry", 1999, Vol. 188, No.3.
	AU	L. W. Tao-Chin et al. in "American society for mass spectrometry", 1996, pp 293-297.

RECEIVED  
MAY 10 2002  
TC 2800 MAIL ROOM